

## Choline Chloride 60% Corn Cob Feed Grade

Choline is a member of the B-complex group of water-soluble vitamins. It is an essential factor in the normal development and health of animals and is necessary for maximum growth of most animals. As a part of the molecular structure of phospholipids, it is concerned with the mobilization of fat in the body. In the absence of Choline there is an abnormal accumulation of fat in the liver. In conjunction with certain other dietary factors, Choline will prevent the occurrence of perosis (slipped tendon) in chicks and turkeys. Choline is involved in the composition of the lecithin molecule. It is also involved in the synthesis of phospholipids, sphingomyelins and glycine. Choline is essential for the formation of acetylcholine, a compound that makes possible the transmission of nerve impulses. As a donor of methyl groups for transmethylation reactions, Choline plays an important role in many physiological processes. Choline can supply methyl groups to homocysteine for the formation of methionine.

In poultry, the deficiency is characterized by a fatty degeneration of the liver, a reduced growth rate, perosis, and in mature birds, a decrease in egg production and hatchability. In swine, a deficiency results in a reduced growth rate, uncoordinated movements, reduced number of total and live pigs per litter, fatty degeneration of the liver and kidney damage.

Corn and other grains are poor sources of this vitamin. For this reason, practical diets for poultry and swine must be supplemented with Choline. The most common source of Choline for poultry and swine diets is Choline Chloride. The dietary requirement of poultry and swine for Choline depends upon such factors as the growth rate, rate of egg production, and nutrient composition of the diet, environmental factors and daily feed intake.

**Cas Number: 67-48-1 EINECS Number: 200-655-4**

Choline Chloride	min. 60.0 %
Carrier	Vegetable carrier, mainly corn cobs
Moisture	max. 2.0 %
Fineness	>95% pass 20 mesh
Density	+/- 500 Kg/m <sup>3</sup>
Texture	Medium Fine

**Packing Options: 50 lb bags, Big Bags/Totes**



The data given above are based on our continuous quality monitoring system. They do not exempt the users from their obligation to make an incoming control of the delivered product. The data are for information purposes only and are not to be taken as a guarantee. It is the responsibility of the users to determine the product's suitability for its intended use.

**Contact us**

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